



Certificate of Analysis

RSP01/R-spondin-1 Protein, Mouse (CHO, His)

Cat. No.:	HY-P76012
Batch No.:	323943
Species:	Mouse
Source:	CHO
Tag:	C-His
Accession:	NP_619624.2 (S21-Q265)
Gene ID:	192199
Molecular Weight:	Approximately 44 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to induce activation of β-catenin response in a Topflash Luciferase assay using HEK293T human embryonic kidney cells and the ED ₅₀ is typically 0.1-0.9 μg/mL in the presence of 5 ng/mL mouse Wnt3a.	PASS
Appearance	Solution	
Concentration	0.76 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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